

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	842	yoong-hong\$.in. baek-seung\$.in. lee-seok\$.in. choi-hwan\$.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/11 15:01
S2	9	S1 and master and slave	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/11 15:02
S3	92	340/3.21.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/11 15:02
S4	0	("1796957").URPN.	USPAT	OR	ON	2006/09/11 15:02
S5	62	("4703306").URPN.	USPAT	OR	ON	2006/09/11 15:03
S6	545	340/3.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/11 15:12
S7	614	340/310.11.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/11 15:12
S8	1224	S3 S6 S7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/11 15:14
S9	23	S8 and (NAK NACK)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/11 15:14
S10	1699	340/825.69.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/11 15:14
S11	1751	340/825.72.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/11 15:14

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S12	4012	S3 S6 S7 S10 S11	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/11 15:14
S13	31	S12 and (NAK NACK)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/11 15:17
S14	9	(US-20050225426-\$).did. or (US-4703306-\$ or US-4808841-\$ or US-6348875-\$ or US-6690979-\$ or US-6690289-\$ or US-6750781-\$ or US-7071835-\$ or US-6943681-\$). did.	US-PGPUB; USPAT	OR	ON	2006/09/11 15:17
S15	2	S14 and (NAK NACK)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/11 16:20
S16	157	ivie.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/11 15:18
S17	0	ivie-low\$.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/11 15:18
S18	7	ivie-l\$.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/11 15:18
S19	44	("5815086").URPN.	USPAT	OR	ON	2006/09/11 15:18
S20	18	("6256378").URPN.	USPAT	OR	ON	2006/09/11 15:20
S21	2	S19 and (NAK NACK)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/11 15:23
S22	22	("4728949"   "5051720"   "5086385"   "5815086"   "5838226"   "5909183").PN. OR ("6297746"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/11 15:22

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S23	0	S22 and (NAK NACK)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/11 15:24
S24	64	("3407301"   "3737566"   "3993861"   "4034362"   "4329684"   "4807031"   "4962522"   "4999617"   "5153568"   "5228077"   "5231488"   "5268995"   "5309509"   "5333054"   "5347110"   "5410326"   "5414756"   "5488571"   "5521966"   "5528740"   "5535147"   "5553123"   "5570297"   "5592188"   "5594493"   "5600711"   "5636994"   "5652602"   "5726645"   "5734363"   "5745068"   "5746602"   "5748895"   "5752880"   "5761601"   "5767896"   "5774063"   "5781125"   "5805443"   "5815086"   "5819294"   "5850304"   "5852615"   "5873765"   "5880769"   "5905486"   "5907350"   "5953047"   "6049778"   "6112127"   "6157982"   "6161133").PN. OR ("6415023").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/11 16:12
S25	0	S24 and (NAK NACK)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/11 15:26
S26	30	"340"/\$.ccls. and (master with slave) and (NAK NACK) and packet	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/11 15:29
S27	42	"340"/\$.ccls. and (master with slave) and ACK and packet	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/11 15:32
S28	98	"340"/\$.ccls. and (ACK NACK NAK) with packet	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/11 15:37
S29	56	S28 and (appliance electronic)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/11 16:01

## EAST Search History

S30	15	("20020011923"   "4442319"   "5051720"   "5777545"   "5805053"   "6005476"   "6084758"   "6175860"   "6218931"   "6229433"   "6246868"   "6288632"   "6404773").PN. OR ("6759946").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/11 15:35
S31	17	(US-20050225426-\$).did. or (US-4703306-\$ or US-4808841-\$ or US-6348875-\$ or US-6690979-\$ or US-6690289-\$ or US-6750781-\$ or US-7071835-\$ or US-6943681-\$ or US-6256378-\$ or US-6686838-\$ or US-6844807-\$ or US-7047092-\$ or US-6759946-\$ or US-6175860-\$ or US-6218931-\$ or US-6229433-\$).did.	US-PGPUB; USPAT	OR	ON	2006/09/11 15:37
S32	2	S31 and (ACK NACK NAK) with packet	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/11 16:23
S33	11	S31 and packet	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/11 15:43
S34	3	S31 and master and slave	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/11 15:44
S35	8	S31 and internet	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/11 15:44
S36	62	("4703306").URPN.	USPAT	OR	ON	2006/09/11 15:47
S37	17	("4808841").URPN.	USPAT	OR	ON	2006/09/11 15:47
S38	30	("5218552").URPN.	USPAT	OR	ON	2006/09/11 15:49
S39	6	("5710712").URPN.	USPAT	OR	ON	2006/09/11 15:50
S40	4	("5694115").URPN.	USPAT	OR	ON	2006/09/11 15:53
S41	5	("5842032").URPN.	USPAT	OR	ON	2006/09/11 15:54
S42	8	("20020169583"   "20030073412"   "20040078694"   "20040152460"   "5815086"   "6330244"   "6526581"   "6642852").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/11 16:09
S43	15	("6229433").URPN.	USPAT	OR	ON	2006/09/11 16:14

## EAST Search History

S44	10	("6218931").URPN.	USPAT	OR	ON	2006/09/11 16:16
S45	0	("6750781").URPN.	USPAT	OR	ON	2006/09/11 16:18
S46	119	(x adj "10") with cebus	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/11 16:20
S47	0	S46 and (ACK NACK NAK) with packet	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/11 17:01
S48	256	"340"/\$.ccls. and ((communication adj speed) (data adj rate) with (packet near3 length))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/11 16:25
S49	16	"340"/3.\$.ccls. and ((communication adj speed) (data adj rate) with (packet near3 length))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/11 18:23
S50	9	("5629687"   "5870610"   "6463343"   "6553336"   "6580950"   "6587046"   "6667688"   "6686838"   "6704787").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/11 16:27
S51	193	("5051720").URPN.	USPAT	OR	ON	2006/09/11 17:01
S52	60	S12 and uart	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/11 17:01
S53	2	S52 and (ACK NACK NAK) with packet	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/11 17:02
S54	4	S52 and (ACK NACK NAK)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/11 17:06
S55	7	"340"/\$.ccls. and stx and crc and ebx and (ACK NACK NAK)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/11 17:36

## EAST Search History

S56	21	("20020027504"   "20020073254"   "20030109938"   "4556866"   "4749992"   "4899129"   "4899217"   "5101191"   "5268666"   "5404137"   "5420577"   "5557634"   "5572438"   "5684710"   "5701411"   "5860028"   "6211796"   "6239722"   "6400281"   "6528957"   "6686838").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/11 17:08
S57	3	("2002/0073254").URPN.	USPAT	OR	ON	2006/09/11 17:11
S58	6	"903903".AP.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/11 17:11
S59	56	stx and crc and etx and aCK AND (NACK NAK)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/11 18:11
S60	48	S59 AND (BAUD ((BIT DATA) ADJ RATE) (PER ADJ SECOND) SPEED)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/11 18:13
S61	7	S59 AND (SELECT SET PICK) NEAR3 (BAUD ((BIT DATA) ADJ RATE) (PER ADJ SECOND) SPEED)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/11 18:15
S62	1935	"340"/\$.CCLS. AND (SELECT SET PICK) NEAR3 (BAUD ((BIT DATA) ADJ RATE) (PER ADJ SECOND) SPEED)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/11 18:15
S63	38	340/3.\$.CCLS. AND (SELECT SET PICK) NEAR3 (BAUD ((BIT DATA) ADJ RATE) (PER ADJ SECOND) SPEED)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/11 18:15
S64	22	"340"/3.\$.ccls. and ACK AND (NAK NACK)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/11 18:27
S65	20	"340"/310.\$.ccls. and ACK AND (NAK NACK)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/11 18:27

## EAST Search History

S66	44	(US-20050225426-\$ or US-20030073412-\$ or US-20020016639-\$ or US-20020180579-\$ or US-20020140571-\$ or US-20020073254-\$ or US-20030109938-\$ or US-20020097851-\$).did. or (US-4703306-\$ or US-4808841-\$ or US-6348875-\$ or US-6690979-\$ or US-6690289-\$ or US-6750781-\$ or US-7071835-\$ or US-6943681-\$ or US-6256378-\$ or US-6686838-\$ or US-6844807-\$ or US-7047092-\$ or US-6759946-\$ or US-6175860-\$ or US-6218931-\$ or US-6229433-\$ or US-5218552-\$ or US-6587739-\$ or US-6885362-\$ or US-6901439-\$ or US-7075453-\$ or US-7096011-\$ or US-6526581-\$ or US-6826267-\$ or US-6192282-\$ or US-6924727-\$). did. or (US-5051720-\$ or US-6795404-\$ or US-4956852-\$ or US-7043577-\$ or US-6665384-\$ or US-4096567-\$ or US-4914732-\$ or US-5570085-\$ or US-5938757-\$ or US-5761083-\$).did.	US-PGPUB; USPAT	OR	ON	2006/09/11 18:28
S67	41	S66 AND (COMPUTER pc LAPTOP)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/11 18:29
S68	41	("5570085").URPN.	USPAT	OR	ON	2006/09/11 18:29

## EAST Search History

S69	46	(US-20050225426-\$ or US-20020140571-\$ or US-20020097851-\$ or US-20030073412-\$ or US-20020016639-\$ or US-20020180579-\$ or US-20030109938-\$ or US-20020073254-\$).did. or (US-4703306-\$ or US-7071835-\$ or US-6750781-\$ or US-6690289-\$ or US-6348875-\$ or US-6690979-\$ or US-5218552-\$ or US-4808841-\$ or US-5761083-\$ or US-6943681-\$ or US-6686838-\$ or US-7096011-\$ or US-7075453-\$ or US-6885362-\$ or US-6901439-\$ or US-6256378-\$ or US-6192282-\$ or US-6665384-\$ or US-7047092-\$ or US-6844807-\$ or US-5051720-\$ or US-6795404-\$ or US-7043577-\$ or US-4956852-\$ or US-5570085-\$ or US-7073083-\$). did. or (US-6759946-\$ or US-6229433-\$ or US-6175860-\$ or US-6218931-\$ or US-6587739-\$ or US-6526581-\$ or US-6826267-\$ or US-6924727-\$ or US-4914732-\$ or US-4096567-\$ or US-5938757-\$ or US-5922050-\$).did.	US-PGPUB; USPAT	OR	ON	2006/09/12 09:44
S70	4	S69 and (half adj duplex)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/12 09:56
S71	1966	340/3.\$.\$ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/12 09:53
S72	53	S71 and (half adj duplex)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/12 09:54
S73	1262	340/310.\$.\$ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/12 09:56



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S74	39	S73 and (half adj duplex)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/12 09:56
S75	8	"340"/\$.ccls. and uart and (half adj duplex) and nak	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/12 17:16
S76	41	uart and (half adj duplex) and nak	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/12 11:17
S77	0	(S71 S73) and (application adj layer) and (data adj2 later) and (physical adj layer)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/12 17:18
S78	0	"340"/\$.ccls. and (application adj layer) and (data adj2 later) and (physical adj layer)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/12 16:09
S79	55	"340"/\$.ccls. and (application adj layer) and (data adj2 layer) and (physical adj layer)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/12 16:09
S80	14	(S71 S73) and (application adj layer) and (data adj2 layer) and (physical adj layer)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/12 17:16
S81	26	master and slave and (application adj layer) and (data adj2 layer) and (physical adj layer) and nak	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/12 16:12
S82	395	(S71 S73) and ((transmission adj speed)(data adj rate) baud)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/12 17:16
S83	326	(S71 S73) and (((transmission communication) adj speed)(data adj rate))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/12 17:18

## EAST Search History

S84	1	S83 and (half adj duplex) and nak	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/12 17:17
S85	4	S83 and nak	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/12 17:17
S86	983	(((transmission communication) adj speed)(data adj rate)) and nak and ack	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/13 11:30
S87	38	S86 and (application adj layer) and (data adj2 layer) and (physical adj layer)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/12 18:24
S88	86	uart and (application adj layer) and (data adj2 layer) and (physical adj layer)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/12 18:35
S89	39	S88 and (((transmission communication) adj speed)(data adj rate))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/12 17:53
S90	15	(data adj2 layer) with (NAK and (CRC (error near2 code)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/12 18:34
S91	24	(data adj2 layer) with ((NAK ACK) and (CRC (error near2 code)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/12 18:25
S92	867	(preset predetermined maximum) near3 (packet adj length)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/12 18:35
S93	33	S92 and (application adj layer) and (data adj2 layer) and (physical adj layer)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/13 11:28

## EAST Search History

S94	52	S86 and S92	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/12 18:36
S95	1334	ethernet and (application adj layer) and (data adj2 layer) and (physical adj layer)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/13 11:31
S96	0	S95 and (data adj2 layer) with (NAK and (CRC (error near2 code)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/13 11:28
S97	2368	(set setting near4 (((transmission communication) adj speed)(data adj rate))) and nak and ack	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/13 11:31
S98	224	((set setting select selecting pick picking choose choosing) near4 (((transmission communication) adj speed)(data adj rate))) and nak and ack	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/13 11:37
S99	6	S98 and (application adj layer) and (data adj2 layer) and (physical adj layer)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/13 11:49
S100	4	S98 and "340"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/13 11:38
S101	81	((set setting select selecting pick picking choose choosing) near4 (packet near2 length)) and nak and ack	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/13 11:37
S102	2	S101 and "340"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/13 11:38
S103	2	S101 and (application adj layer) and (data adj2 layer) and (physical adj layer)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/13 11:49